

ABSTRACT OF THE DISCLOSURE

- 5 The present invention is directed to translational regulatory elements that mediate the amount of protein produced within a host capable of expressing a construct comprising one or more translational regulatory elements in operative association with a gene of interest. These translational regulatory elements were derived from T1275 (tCUP) and exhibit a high degree of similarity with members of the RENT family of
- 10 repetitive elements. Translational regulatory elements are disclosed that either increase or decrease the amount of protein produced within the host organism. These translational elements are operative in a wide range of hosts including plant, animals, yeast, fungi and bacteria. Analogs, derivatives and fragments of these translational elements are also disclosed..